

## Gregory, Bernarr

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**From:** PLUS  
**Sent:** Wednesday, July 07, 2004 1:26 PM  
**To:** Gregory, Bernarr  
**Subject:** PLUS Results for 10705995

Here are the PLUS search results for 10705995.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to [PLUS@uspto.gov](mailto:PLUS@uspto.gov).



10705995\_QUAL.txt



10705995\_LIST.txt



10705995\_WEST.txt



10705995\_EAST.txt



10705995.east



10705995\_CLS.txt



10705995\_CLSTITLES.t

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10705995\_WDS.txt

10705995\_QUAL

6232909 92  
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4561101 59  
5689355 56  
6016429 56  
5794128 53  
5752185 52  
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6405132 50  
6487414 50

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PLUS Search Results for S/N 10705995, Searched July 07, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10705995\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10705995 on July 07, 2004

Original Classifications

2 455/414.1  
2 455/63.1

Cross-Reference Classifications

5 455/62  
4 455/450  
4 455/67.11  
3 370/280  
3 455/452.2  
3 455/506  
3 455/522  
3 455/65  
2 342/362  
2 370/350  
2 370/401  
2 370/519  
2 375/232  
2 375/347  
2 375/362  
2 398/147  
2 455/101  
2 455/132  
2 455/276.1  
2 455/277.1  
2 455/279.1  
2 455/422.1  
2 455/423  
2 455/436  
2 455/446  
2 455/513  
2 455/517  
2 455/524  
2 455/561  
2 455/67.13  
2 455/67.16  
2 701/213

Combined Classifications

5 455/450  
5 455/62  
5 455/67.11  
4 455/452.2  
3 370/280

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3 455/446  
3 455/506  
3 455/513  
3 455/522  
3 455/65  
2 342/362  
2 370/252  
2 370/335  
2 370/347  
2 370/350  
2 370/401  
2 370/519  
2 375/232  
2 375/347  
2 375/362  
2 398/147  
2 455/101  
2 455/132  
2 455/276.1  
2 455/277.1  
2 455/279.1  
2 455/414.1  
2 455/422.1  
2 455/423  
2 455/429  
2 455/436  
2 455/442  
2 455/517  
2 455/524  
2 455/561  
2 455/63.1  
2 455/67.13  
2 455/67.16  
2 455/70  
2 701/213

10705995\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10705995 on July 07, 2004

- 5 455/450 (1 OR, 4 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/450 ..Channel allocation
- 5 455/62 (0 OR, 5 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/62 .Optimum frequency selection
- 5 455/67.11 (1 OR, 4 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/67.11 .Having measuring, testing, or monitoring of system or part
- 4 455/452.2 (1 OR, 3 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/450 ..Channel allocation
  - 455/452.1 ...Dynamic allocation
  - 455/452.2 ....Based on service quality (e.g., bandwidth, etc.)
- 3 370/280 (0 OR, 3 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/276 DUPLEX
  - 370/277 .Communication over free space
  - 370/280 ..Time division
- 3 455/446 (1 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/446 ..Including cell planning or layout
- 3 455/506 (0 OR, 3 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

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- 455/500 .Plural transmitters or receivers (i.e., more than two stations)
- 455/501 ..Noise, distortion, or singing reduction
- 455/504 ...Fading compensation
- 455/506 ....Rayleigh or multipath fading
  
- 3 455/513 (1 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  
  - 455/500 .Plural transmitters or receivers (i.e., more than two stations)
  - 455/507 ..Central station (e.g., master, etc.)
  - 455/509 ...Channel allocation
  - 455/513 ....Ranking (e.g., based on signal strength, etc.)
  
- 3 455/522 (0 OR, 3 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  
  - 455/500 .Plural transmitters or receivers (i.e., more than two stations)
  - 455/507 ..Central station (e.g., master, etc.)
  - 455/517 ...To or from mobile station
  - 455/522 ....Transmission power control technique
  
- 3 455/65 (0 OR, 3 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  
  - 455/63.1 .Distortion, noise, or other interference prevention, reduction, or compensation
  - 455/65 ..Anti-multipath
  
- 2 342/362 (0 OR, 2 XR)
  - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
  - 342/350 DIRECTIVE
  - 342/361 .Including polarized signal communication transmitter or receiver
  - 342/362 ..Receiver only
  
- 2 370/252 (1 OR, 1 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

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370/252 .Determination of communication parameters

2 370/335 (1 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/328 .Having a plurality of contiguous regions  
           served by respective fixed stations  
 370/329 ..Channel assignment  
 370/335 ...Combining or distributing information via  
           code word channels using multiple access te  
 chniques (e.g.,  
           CDMA)

2 370/347 (1 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 .Combining or distributing information via tim  
 e  
           channels  
 370/347 ..Multiple access (e.g., TDMA)

2 370/350 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 .Combining or distributing information via tim  
 e  
           channels  
 370/350 ..Synchronization

2 370/401 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 .Switching a message which includes an address  
           header  
 370/400 ..Having a plurality of nodes performing  
           distributed switching  
 370/401 ...Bridge or gateway between networks

2 370/519 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having  
           multiple packets  
 370/498 .Combining or distributing information via tim  
 e  
           channels  
 370/503 ..Synchronizing  
 370/516 ...Adjusting for phase or jitter

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370/517 ....Including delay device  
 370/519 .....Delay based upon propagation delay time

2 375/232 (0 OR, 2 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/229 EQUALIZERS  
 375/230 .Automatic  
 375/232 ..Adaptive

2 375/347 (0 OR, 2 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/316 RECEIVERS  
 375/346 .Interference or noise reduction  
 375/347 ..Diversity (frequency or time)

2 375/362 (0 OR, 2 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/354 SYNCHRONIZERS  
 375/362 .Frequency or phase control using synchronizin

g

signal

2 398/147 (0 OR, 2 XR)  
 Class 398 : OPTICAL COMMUNICATIONS  
 398/140 TRANSMITTER AND RECEIVER SYSTEM  
 398/141 .Including optical waveguide  
 398/147 ..Dispersion compensation

2 455/101 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/91 TRANSMITTER  
 455/101 .Diversity

2 455/132 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
 CONVERTER  
 455/132 .Plural receivers

2 455/276.1 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
 CONVERTER  
 455/269 .With wave collector (e.g., antenna)  
 455/272 ..Plural separate collectors  
 455/276.1 ...With phase shifting, correcting, or  
 regulating in the output path of one or mor

e collectors

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- 2 455/277.1 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER
  - 455/269 .With wave collector (e.g., antenna)
  - 455/272 ..Plural separate collectors
  - 455/277.1 ...Selectively or alternately connected to  
receiver
  
- 2 455/279.1 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER
  - 455/269 .With wave collector (e.g., antenna)
  - 455/272 ..Plural separate collectors
  - 455/278.1 ...Combined with noise or interference  
elimination
  - 455/279.1 ....Plural antenna currents entering single  
transformer
  
- 2 455/414.1 (2 OR, 0 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/414.1 .Special service
  
- 2 455/422.1 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  
- 2 455/423 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/423 ..Diagnostic testing, malfunction indication,  
or electrical condition measurement
  
- 2 455/429 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/427 ..Space satellite
  - 455/429 ...Cell projection
  
- 2 455/436 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM

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455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff

2 455/442 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/442 ...Soft handoff

2 455/517 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station

2 455/524 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station  
455/524 ....Multiple base stations

2 455/561 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCIVER)

455/550.1 .Radiotelephone equipment detail  
455/561 ..Base station detail

2 455/63.1 (2 OR, 0 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference  
prevention, reduction, or compensation

2 455/67.13 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS



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 455/67.11 .Having measuring, testing, or monitoring of  
                   system or part  
 455/67.13 ..Noise, distortion, or unwanted signal  
                   detection (e.g., quality control, etc.)

2 455/67.16 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
 455/67.11 .Having measuring, testing, or monitoring of  
                   system or part  
 455/67.16 ..Phase measuring (e.g., group delay,  
                   propagation effect, etc.)

2 455/70 (1 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
 455/68 .With control signal  
 455/70 ..Receiver control signal originates at messag  
 e  
                   transmitter

2 701/213 (0 OR, 2 XR)  
     Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                   RELATIVE LOCATION  
 701/200 NAVIGATION  
 701/207 .Employing position determining equipment  
 701/213 ..Using Global Positioning System (GPS)

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accuracy 2  
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actual 2  
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foregoing 1  
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future 2  
fuz 1  
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gain 4  
gaussian 1  
general 1  
generally 2  
generating 3  
generators 2  
gequency 3

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government 1  
grotmd 1  
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has 1  
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intentional 1  
intepated 2  
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interference 1  
interval 7  
invention 29



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